

Title (en)

LED lighting time control apparatus

Title (de)

LED-Beleuchtungszeit-Steuervorrichtung

Title (fr)

Appareil de commande de temps d'éclairage à DEL

Publication

EP 2571334 B1 20140115 (EN)

Application

EP 12183699 A 20120910

Priority

JP 2011200995 A 20110914

Abstract (en)

[origin: EP2571334A1] By means of a PWM pulse setting device (10), a PWM pulse with a pulse width corresponding to a requested lighting time is supplied to an LED. In a constant-current driver (6), current to be fed to the LED (2) is adjusted within a PWM pulse width set by the PWM pulse setting device (10) and for a predetermined constant current. In this case, by means of a current breaking adjuster (15), an output that turns off an operation by the constant-current driver (6) is provided before the time when the PWM pulse of a minimum lighting time is turned off.

IPC 8 full level

H05B 33/08 (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)

H05B 45/10 (2020.01 - EP US); **H05B 45/395** (2020.01 - EP); **H05B 45/46** (2020.01 - EP US); **Y02B 20/30** (2013.01 - EP)

Cited by

GB2540827A; US10545374B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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